

1. 簡述達爾文 "Theory of Natural Selection" 的 Key Points. (4%)
2. 下列各現象，請各舉一例說明之。 (32%)
  - (a) Autosomal recessive inheritance
  - (b) Sex-linked recessive inheritance
  - (c) Viviparous
  - (d) Ovoviviparous
  - (e) Asexual reproduction
  - (f) Sexual reproduction
  - (g) Negative feedback
  - (h) Positive feedback
3. Define extracellular fluid and interstitial fluid. (4%)
4. 解釋名詞 (16%)
  - Abortion
  - Contact inhibition
  - Cell differentiation
  - Metamorphosis
5. 簡述鳥類的 Respiratory System. (10%)
6. 舉例說明脊椎動物的 Echolocation 和 Photoreception. (20%)
7. 比較 Earthworm 和 Frog 的 Motor Systems. (10%)
8. 簡述 Acquired Immune Deficiency Syndrome. (4%)